INTERNATIONAL SEARCH REPORT

International application No. PCT/US98/02829

A. CLASSIFICATION OF SUBJECT MATTER IPC(6) :C12N 5/00, 1/14, 1/16, 1/20 US CL :435/404, 431, 253.6, 255.21, 256.8 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 435/404, 431, 253.6, 255.21, 256.8 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) APS, STN				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category* Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.		
X Y US 5,580,856 A (PRESTRELSKI ET entire document.	US 5,580,856 A (PRESTRELSKI ET AL) 03 December 1996, see entire document.			
document. 40, 43, 48 1-4, 9-16, 29, 30, 32-3		5-8, 17, 28, 31, 40, 43, 48 		
X Further documents are listed in the continuation of Box C. See patent family annex.				
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 09 MAY 1998 Name and mailing address of the ISA/US Commissioner of Patents and Trademarks	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family Date of mailing of the international search report 1 9 JUN 1998 Authorized officer			
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US98/02829

		PC1/U398/02829	
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X Y	US 4,621,058 A (REDDY) 04 November 1986, see entire document.	1-4, 17, 2 42, 48 5-16, 18-2 30, 32-41	26, 28-
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